

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for producing a panel glass for cathode ray tubes, having a Sb_2O_3 content of from 0 to 0.19% as represented by mass percentage and containing H_2O , which process comprises a step of melting a raw material in an atmosphere under a pressure of P_0 to obtain a molten glass, and a step of vacuum degassing the molten glass in an atmosphere under a pressure P_A which is lower than P_0 , wherein the pressure P of the molten glass is made to be at most $(6.1W+0.06)$ atm in the vacuum degassing step, wherein W is the content of said H_2O as represented by mass percentage.

Claim 2 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the period of time during which the pressure P of the molten glass is made to be at most $(6.1W+0.06)$ atm, is at least 0.1 hour.

Claim 3 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein P_0 is from 0.8 to 1.2 atm.

Claim 4 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein W as represented by mass percentage, is from 0.005 to 0.05%.

Claim 5 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes consists essentially of, as represented by mass percentage based on the following oxides:

SiO_2	45 to 70%,
Al_2O_3	0 to 10%,
Na_2O	1 to 15%,
K_2O	3 to 15%,
MgO	0 to 10%,

CaO	0 to 10%,
SrO	0 to 13%,
BaO	0 to 16%,
ZnO	0 to 5%,
ZrO ₂	0 to 5%,
TiO ₂	0 to 2%,
CeO ₂	0 to 5%,
B ₂ O ₃	0 to 5%,
Sb ₂ O ₃	0 to 0.19%,
H ₂ O	0.005 to 0.05%,
SnO ₂	0 to 5%, and
SO ₃	0 to 0.4%.

Claim 6 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the Sb₂O₃ content as represented by mass percentage in the glass for cathode ray tubes, is from 0 to 0.029%.

Claim 7 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains no SnO₂.

Claim 8 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains SO₃, and its content as represented by mass percentage is from 0.05 to 0.4%.